PTO SB/08 A & B (modified)

Substitute for Form 1449 A & B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known	
Application Number	09/677,775
Confirmation Number	Unknown
Filing Date	October 03, 2000
First Named Inventor	Takeshi HASHIMOTO
Art Unit	2661
Examiner Name	Unknown
Attorney Docket Number	Q61062

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number: Number	Document Number: Kind Code[2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		US			
		US			
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		US			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document: Country Code[3]	Foreign Patent Document: Number[4]	Foreign Patent Document: Kind Code[5] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation[6]
CW		JP	11-127134	A	05/11/1999		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation[6]

Examiner Signature	Cecilyn Davis	Date Considered	5/11/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1]Applicant's unique citation designation number (optional). [2]See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. [3]Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). [4]For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [5]Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. [6]Applicant is to indicate here if English language Translation is attached.

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FILING RECEIPT
PLEASE DATE STAMP AND RETURN TO US - BOX 235X

In re application of

Takeshi HASHIMOTO, et al.

Appln. No.: 09/677,775 Group Art Unit: 2661

Confirmation No.: Unknown Examiner: Unknown

Filed: October 03, 2000

For: CDMA BASEBAND RECEIVER CAPABLE OF ESTABLISHING SYNCHRONIZATION WITH PERIPHERAL BASE STATIONS

PAPER(S) FILED ENTITLED:

1. Information Disclosure Statement (with a copy of Japanese Office Action and an English translation of the pertinent portions and reference with PTO/SB/08 A & B (modified))

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WASHINGTON OFFICE

23373

PATENT TRADEMARK OFFICE

DOCKET NO.: Q61062
ATTORNEY/SEC: HLB/sds
Date Filed: March 3, 2003

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Takeshi HASHIMOTO, et al.

Docket No: Q61062

Appln. No.: 09/677,775

Group Art Unit: 2661

Confirmation No.: Unknown

Examiner: Unknown

Filed: October 03, 2000

For: CDMA BASEBAND RECEIVER CAPABLE OF ESTABLISHING SYNCHRONIZATION WITH PERIPHERAL BASE STATIONS

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §§ 1.97 and 1.98

FILED

MAR - 3 2003

Commissioner for Patents
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the document which is listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of the listed document is submitted herewith.

1. **World Patent No. 97/33400, published September 12, 1997 was previously filed on December 30, 2002.**
2. Japanese Unexamined Patent Application Publication No. 11-127134, published May 11, 1999.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date for an application other than a continued prosecution

application (CPA) under §1.53(d); (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(c) or fee under 37 C.F.R. § 1.17(p) is required.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant encloses herewith a copy of a corresponding Japanese Office Action dated February 4, 2003 and an English translation of the pertinent portions thereof, which cites and indicates the degree of relevance found by the foreign patent office.

The submission of the listed document is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

Respectfully submitted,

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J. Frank Osha
Registration No. 24,625

Date: March 3, 2003

Cited Literature 2 (Paragraphs (0030) through (0033) and Figure 5) states that a specified threshold value *hani aichi* [typographical error] is performed with respect to the correlation results of the short code corresponding to the long code group number, and this corresponds to the detection of a phase from which correlation basis not reaching unspecified threshold value have been removed are used as long code phase candidates in the maximum correlation peak phase detection means of the invention according to Claim 4 of the subject application.

Since the inventions described in Cited Literature 1 and Cited Literature 2 are both for identifying long codes specific to base stations, by adopting the aforesaid technological concept described in Cited Literature 2 in the invention described in Cited Literature 1, a person skilled in the art could have easily conceived the invention according to Claim 4 of the subject application based on the invention described in Cited Literature 1 and 2.

Claim: 6

Cited Literature: 1

Remarks:

The invention according to Claim 6 is merely the addition of a general long code identification algorithm to the inventions according to Claim 1 through Claim 5 of the subject application. (For example, Figure 9 of Cited Literature 1 shows a flowchart of a long code identification algorithm similar to the invention according to Claim 6 of the subject application.)

In the event that any new reason for rejection is found, a Notification of Reasons for Rejection will be made.

List of Cited Literature

1. International Unexamined Patent Application Publication 97/33400 pamphlet
2. Japanese Unexamined Patent Application Publication H11-127134

Ref. Q61062

Reasons

The invention related to the claims of the application listed below is an invention that could easily have been made prior to the filing of the patent application by person with ordinary skill in the art to which the invention pertains on the basis of an invention described in the publications indicated below, which had been distributed in Japan or elsewhere, or an invention which could be used by the public through telecommunications lines, prior to the filing of the application, and as such cannot be granted a patent in accordance with Article 36, Section 2 of the Patent Law.

Note (See the List of Cited Literature for the cited literature.)

Claims: 1, 2 and 5

Cited Literature: 1

Remarks:

Cited Literature 1 (Claims 4, 8 and 13 and Figures 1, 12 and 14) describes making the phase[s] obtained by eliminating the synchronization phase of a currently connected base station the object of evaluation as [a] synchronization phase candidate[s] for a peripheral base station in detecting the long code phase of peripheral base stations.

When the invention according to Claims 1, 2 and 5 of the subject application and the invention described in Cited Literature 1 are compared, in the removal of the correlation peak phase of a known base station from long code phase candidates, in the invention according to Claims 1, 2 and 5 of the subject application long code phase candidates having correlation peak values are eliminated within an interval (in a working example, a front-to-back C chip) having a specified width centering on the correlation peak phases of known base station phases, which differs from the invention described in Cited Literature 1, which merely states that the synchronization phases of known base stations are removed, and does not specifically described the phase width removed, but Figure 12 of Cited Literature 1 states, "the correlation peaks relating to the pass components from each base station are each detected at a specified width," and, "threshold value evaluation is performed with respect to the sum of the correlation detection of each multipath in the identification of long codes," and it is found that performing [*sic*] the phase of known base stations using a phase width including a multipath component can be carried out as appropriate and necessary by a person skilled in the art.

Accordingly, a constitution such as that of Claim 1, 2 or 5 of the subject application can be easily made by a person skilled in the art based on the invention described in Cited Literature 1

Claim: 3

Cited Literature: 1

Remarks:

The invention according to Claim 3 of the subject application is recognized as being constituted so that the processing at the time of peripheral cell search in the invention according to Claim 2 is eliminated by making the process of searching correlation peaks from delay profiles usable in common for both demodulation and peripheral cell searching, but reducing the circuit scale and calculation process load by performing a common calculation process as a batch process is merely common practice.

Claim: 4

Cited Literature: 1 and 2

Remarks: